

/

Listing of Claims:

1. (Cancel)

2. (Amended)

A composition of matter comprising at least one polypeptide of claim 1 8 in a pharmaceutically acceptable carrier.

3. (Amended)

The A polypeptide of claim 1 8 bound to a second peptide to form a fusion protein wherein said second peptide which acts as an adjuvant.

4. (represented)

The polypeptide of claim 3 wherein the second peptide is the A2 peptide of cholera toxin.

5. (Represented)

The composition of claim 2 wherein the polypeptide of the neurotoxin of C. botulinum is bound to the A2 peptide of cholera toxin.

6. (represented)

A method of immunizing a mammal susceptible to botulism by administration of a composition of claim 3.

7. (represented)

B1
The method of claim 6 wherein the composition contains a polypeptide of neurotoxin of C. botulinum bound to the A2 peptide of cholera toxin.

8. (Newly presented)

B2
An isolated polypeptide consisting of at least 100 amino acids from either domain H₄₄₅₋₆₆₁ or H₁₁₅₀₋₁₂₈₉ of the neurotoxin C. Botulinum.

△
could
be the
whole
thing